

Michael Karas

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

369
citations

840776

11
h-index

794594

19
g-index

22
all docs

22
docs citations

22
times ranked

828
citing authors

#	ARTICLE	IF	CITATIONS
1	Analysis of proximal <i>ALOX5</i> promoter binding proteins by quantitative proteomics. <i>FEBS Journal</i> , 2020, 287, 4481-4499.	4.7	14
2	Elucidation of chemical modifier reactivity towards peptides and proteins and the analysis of specific fragmentation by matrix-assisted laser desorption/ionization collision-induced dissociation tandem mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2019, 33, 40-49.	1.5	6
3	Proteomic Sample Preparation through Extraction by Unspecific Adsorption on Silica Beads for ArgC-like Digestion. <i>Journal of Proteome Research</i> , 2019, 18, 1289-1298.	3.7	3
4	Melleolides from Honey Mushroom Inhibit 5-Lipoxygenase via Cys159. <i>Cell Chemical Biology</i> , 2019, 26, 60-70.e4.	5.2	13
5	Identification and characterization two isoforms of NADH:ubiquinone oxidoreductase from the hyperthermophilic eubacterium <i>Aquifex aeolicus</i> . <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2018, 1859, 366-373.	1.0	7
6	Detergent-assisted sample preparation for MALDI-MS: Investigation of octylglucoside and docecylmaltoside for matrix crystallization, on-plate digestion, and trypsin activity. <i>Journal of Mass Spectrometry</i> , 2018, 53, 675-679.	1.6	2
7	Characterization of the molecular mechanism of 5-lipoxygenase inhibition by 2-aminothiazoles. <i>Biochemical Pharmacology</i> , 2017, 123, 52-62.	4.4	9
8	ArgC-Like Digestion: Complementary or Alternative to Tryptic Digestion?. <i>Journal of Proteome Research</i> , 2017, 16, 978-987.	3.7	12
9	Acyl modification and binding of mitochondrial ACP to multiprotein complexes. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2017, 1864, 1913-1920.	4.1	33
10	Michael acceptor containing drugs are a novel class of 5-lipoxygenase inhibitor targeting the surface cysteines C416 and C418. <i>Biochemical Pharmacology</i> , 2017, 125, 55-74.	4.4	18
11	APP Deletion Accounts for Age-Dependent Changes in the Bioenergetic Metabolism and in Hyperphosphorylated CaMKII at Stimulated Hippocampal Presynaptic Active Zones. <i>Frontiers in Synaptic Neuroscience</i> , 2017, 9, 1.	2.5	12
12	A Mitochondrial Role of SV2a Protein in Aging and Alzheimer's Disease: Studies with Levetiracetam. <i>Journal of Alzheimer's Disease</i> , 2016, 50, 201-215.	2.6	44
13	APP Is a Context-Sensitive Regulator of the Hippocampal Presynaptic Active Zone. <i>PLoS Computational Biology</i> , 2016, 12, e1004832.	3.2	22
14	Eukaryotic Hsp70 chaperones in the intermembrane space of chloroplasts. <i>Planta</i> , 2016, 243, 733-747.	3.2	10
15	Custom-made Microdialysis Probe Design. <i>Journal of Visualized Experiments</i> , 2015, , e53048.	0.3	6
16	Fast quantitative determination of methylphenidate levels in rat plasma and brain <i>ex vivo</i> by MALDI-MS/MS. <i>Journal of Mass Spectrometry</i> , 2015, 50, 963-971.	1.6	3
17	The association of late-acting snoRNPs with human pre-ribosomal complexes requires the RNA helicase DDX21. <i>Nucleic Acids Research</i> , 2015, 43, 553-564.	14.5	64
18	Self-built microdialysis probes with improved recoveries of ATP and neuropeptides. <i>Journal of Neuroscience Methods</i> , 2014, 237, 1-8.	2.5	14

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19	The proteome of the presynaptic active zone from mouse brain. <i>Molecular and Cellular Neurosciences</i> , 2014, 59, 106-118.	2.2	59
20	Scaffold-hopping from aminoglycosides to small synthetic inhibitors of bacterial protein biosynthesis using a pseudoreceptor model. <i>MedChemComm</i> , 2011, 2, 181.	3.4	2
21	Synthesis of Non-Natural Aromatic α -Amino Acids by a Heck Reaction. <i>European Journal of Organic Chemistry</i> , 2008, 2008, 1608-1614.	2.4	14